AM4115T-RFYW

Brand: Product Code: AM4115T-RFYW



Short Description

1.3 Megapixel resolution575nm excitation and 610nm emission filter20-220x magnificationTo observe TxRed, mCherry

Description

The Dino-Lite AM4115T-RFYW digital microscope is optimized for research and viewing fluorescent objects by using 575nm excitation LEDs. It has a long-pass type 610nm emission filter that is designed to observe a wide range of fluorophores with applications in developmental biology, pathology, and anatomy.



The AM4115T-RFYW has the capability of switching the light source from the 575nm

LEDs for excitation lighting to the white LED, which is convenient for locating the object and obtaining an easy focus. All of these factors make the AM4115T-RFYW the smallest fluorescence microscope in the world, capable of many applications and visualizing a vast range of fluorescence.

» Special models available on request.

	-		DEPTH OF
			FIELD
	· /	VIL VV(1)	Unit = mm
			Unit – min
cup			
60.2	19.5	15.6	2.5
33.5	13.0	10.4	1.8
20.9	9.8	7.8	1.5
13.9	7.8	6.3	-
9.7	6.5	5.2	-
7.1	5.6	4.5	1.0
5.5	4.9	3.9	-
4.5	4.3	3.5	-
4.1	3.9	3.1	-
4.0	3.6	2.8	-
4.1	3.3	2.6	-
4.5	3.0	2.4	-
5.0	2.8	2.2	-
5.6	2.6	2.1	-
6.3	2.4	2.0	-
7.1	2.3	1.8	-
8.0	2.2	1.7	-
8.9	2.1	1.6	-
9.9	2.0	1.6	-
10.9	1.9	1.5	-
11.9	1.8	1.4	0.1
	WORKING DISTANCE * Without front cap 60.2 33.5 20.9 13.9 9.7 7.1 5.5 4.5 4.1 4.0 4.1 4.0 4.1 4.0 4.1 4.0 4.1 4.5 5.0 5.6 6.3 7.1 8.0 8.9 9.9 10.9	DISTANCEVIEW(X)* Without frontcap60.219.533.513.020.99.813.97.89.76.57.15.65.54.94.54.34.13.94.03.64.13.34.53.05.02.85.62.66.32.47.12.38.02.28.92.19.92.010.91.9	WORKING DISTANCEFIELD OF VIEW(X)FIELD OF VIEW(Y)* Without front cap60.219.515.633.513.010.420.99.87.813.97.86.39.76.55.27.15.64.55.54.93.94.54.33.54.13.93.14.03.62.84.13.32.64.53.02.45.02.82.25.62.62.16.32.42.07.12.31.88.02.21.78.92.11.69.92.01.610.91.91.5

Special Light

Specification

Light/LED type575nm excitation + whiteNumber of LEDs7 FL + 1 WhiteLED on/off switchable:YesInfrared filterNoDiffuser availableNoEmission filter610nm, LPPolarizerNoFluorophoresTxRed, mCherryOptics0Wagnification20x ~ 220xMacro zoomNoWorking distanceStandardLens typeGlass with anti-reflection coatingSensorCMOSResolution1.3 Megapixel (1280x1024)Maximum frame rate30 fpsCompatibilityJono & USB 2.0Optrating systemWindows 7, 8, 10 & 11, MacOS 10.9 and upSoftwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formatsBMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXWindows)PEG, PNGSupported video formatsMOVK(MacOS)DirectShow, UVCWireless-ready, requires the WF-10 WiFi streamer (optional)Housing materialComposite/ plastic housingMagnification lockYesDimensions10.5cm (L) x 3.2cm (D)Weight100gCable length1.8m	Lighting	
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Cable length 1.8m Features	Dimensions	10.5cm (L) x 3.2cm (D)
Cable length 1.8m Features	Weight	100g
	Cable length	1.8m
Special feature No	Features	
Special realistic 10	Special feature	No

Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
ESD safe	No
Information	
Package contents	Microscope, carry pouch, software CD, calibration
	target, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€700,00 - €900,00





